DECLARATION FOR PATENT	APPLICATION
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My residence, post office address and		•		
I believe I am the original, first and so the subject matter which is claimed an	ole inventor (if only one name is listed for which a patent is sought on t	sted below) or an original, first and the invention entitled:	I joint inventor (if plural names are liste	d below) of
METHODS FO	OR THE STEREOSELECT	IVE SYNTHESIS OF SUBS	STITUTED PIPERIDINES	
the specification of which (check one)			
☐ is attached he ☑ was filed on applicable).		s Application Number <u>Number10/</u>	012,242, and was amended on Date	(if
I hereby state that I have reviewed an referred to above.	d understand the contents of the ab	ove identified specification, include	ding the claims, as amended by any ame	ndment
I acknowledge the duty to disclose in	formation, which is material to pat	entability as defined in Title 37, C	ode of Federal Regulation, § 1.56.	
I hereby claim foreign priority benefit below and have also identified below priority is claimed.	ts under Title 35, United States Co any foreign application for patent	de, § 119(a)-(d) of any foreign app or inventor's certificate having a fi	olication(s) for patent or inventor's certi- iling date before that of the application of	ficate listed on which
Prior Foreign Application(s)			Priority	Claimed
			Yes	☐ No
(Number)	(Country)	(Day/Month/Year Filed)	—	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	□ No
I hereby claim the benefit under Title	, ,,		oplication(s) listed below.	
60/251.209	December 4, 2000	•		
(Application Number)	(Filing Date)			
60/275,600 (Application Number)	March 13, 2001 (Filing Date)			
which became available between the	filing date of the prior application (Filing Date	and the national or PCT internation	in Title 37, Code of Federal Regulations nal filing date of this application. (Status: patented, pending, aban	
(Application Number)	(Filling Date)	,	(Status, patritud, perionig, abair	
(Application Number)	(Filing Date)	(Status: patented, pending, aban	doned)
I hereby appoint Beth E. Arnold, Reg 42,483; Daniel P. Gaudet, Reg. No. 4	7. No. 35.430: Isabelle Clauss, Reg	. No. 47.326: Stephen B. Deutsch.		
Greenberg, Reg. No. 44,133; Jennifer Kavanaugh, Reg. No. P-50356; David No. 42,049; Chinh H. Pham, Reg. No Quisel, Reg. No. 47,874; Anita Varm 50558 as attorneys/agents to prosecut	18,584; Robert W. Gauthier, Reg. N r K. Holmes, Reg. No. 46,778; Dav d A. Lane, Reg. No. 39,261; W. Hi b. 39,329; Jeffrey M. Sears, Reg. N na, Reg. No. 43,221; Sharon Webb, te this application and to transact a	No. 35,153; Jason Gish, Reg. No. 4 vid Hyams, Reg. No. P-50947; Sco ugo Liepmann, Reg. No. 20,407; J Io. 48,440; Philip C. Swain, Reg. N , Reg. No. 47,172; John L. Welch, Il business in the Patent and Trade	12,581; Dana Gordon, Reg. No. 44,719; ott E. Kamholz, Reg. No. 48,543; Theres im Olesen, Reg. No. 46,967; Kevin A. (No. 32,376; Kingsley L. Taft, Reg. No. 4 Reg. No. 28,129 and Jennifer Zarutskie	leg. No. Robert A. sa Dliver, Reg. 13,946; John
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Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
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Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Inventor's signature:	Citizenship: <u>U.S.</u>
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature:	Date:
Inventor's signature:	Citizenship: U.S.
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	· · · · · · · · · · · · · · · · · · ·
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	
	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	•
	Date:
Inventor's signature:	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	

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20/488887.1

Docket Number SPV-047.01

My residence, post office address a		listed below) or an original, first and i		d below) of
I believe I am the original, first and the subject matter which is claimed	I sole inventor (if only one name is I I and for which a patent is sought or		oint inventor (if plural names are liste	, , , , , ,
METHODS ?	FOR THE STEREOSELECT	TIVE SYNTHESIS OF SUBST	TITUTED PIPERIDINES	
the specification of which (check o	ne)			
☐ is attached ☑ was filed (applicable).		tes Application Number <u>Number10/01</u>	2,242, and was amended on Date	(if
I hereby state that I have reviewed referred to above.	and understand the contents of the a	above identified specification, including	ng the claims, as amended by any ame	endment
I acknowledge the duty to disclose	information, which is material to pa	atentability as defined in Title 37, Cod	le of Federal Regulation, § 1.56.	
		Code, § 119(a)-(d) of any foreign applint or inventor's certificate having a filing		
Prior Foreign Application(s)			Priority	Claimed
•		· · · · · · · · · · · · · · · · · · ·	Yes	☐ No
(Number)	(Country)	(Day/Month/Year Filed)		
(Number)	(Country)	(Day/Month/Year Filed)	Yes	☐ No
	•	of any United States Provisional appl	lication(s) listed below.	
60/251,209	December 4, 2000		•	
(Application Number)	(Filing Date)	-		
(Application Number) I hereby claim the benefit under Ti of the claims of this application is a Code, § 112, I acknowledge the du	not disclosed in the prior United Sta ty to disclose information which is I	- f any United States application(s) lister ttes application in the manner provider material to patentability as defined in	d by the first paragraph of Title 35, Un Title 37, Code of Federal Regulations	nited States
(Application Number) I hereby claim the benefit under Ti of the claims of this application is a Code, § 112, I acknowledge the du	(Filing Date) tle 35, United States Code, § 120 of not disclosed in the prior United Staty to disclose information which is a	ates application in the manner provided material to patentability as defined in and the national or PCT international	d by the first paragraph of Title 35, Un Title 37, Code of Federal Regulations	nited States , § 1.56
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Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date: January 24, 2002
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
ı	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	Citizensinp. O.o.
Tost Office Address. Same	· · · · · · · · · · · · · · · · · · ·
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature:	Date:
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
	Citizensinp. O.S.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	
Inventor's signature:	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: U.S.
Post Office Address: same	Citizenship. <u>C.S.</u>
Fost Office Address: Same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	Citizeramp. Teople 3 Republic of Citita
- 500 O 1100 1100 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	

Docket Number SPV-047.01

My residence, post office address and	l citizenship are as stated below n	ext to my name.	
believe I am the original, first and so the subject matter which is claimed a			I joint inventor (if plural names are listed below) of
METHODS FO	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUBS	STITUTED PIPERIDINES
he specification of which (check one	e)		
☐ is attached h ☒ was filed on applicable).		tes Application Number <u>Number10/</u> 0	012,242, and was amended on Date(if
hereby state that I have reviewed an referred to above.	nd understand the contents of the	above identified specification, include	ling the claims, as amended by any amendment
acknowledge the duty to disclose in	formation, which is material to p	atentability as defined in Title 37, C	ode of Federal Regulation, § 1.56.
			olication(s) for patent or inventor's certificate listed ling date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
<u> </u>			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
hereby claim the benefit under Title			onlication(s) listed below
•		or any Onnea States I Tovisional ap	phoation(s) listed octow.
60/251,209 (Application Number)	December 4, 2000 (Filing Date)	-	
50/275,600	March 13, 2001		
(Application Number)	(Filing Date)	_	
which became available between the (Application Number)	filing date of the prior application (Filing Dat		(Status: patented, pending, abandoned)
·	(Pil) D		
(Application Number)	(Filing Dat	ie)	(Status: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No. 4 Greenberg, Reg. No. 44,133; Jennife Kavanaugh, Reg. No. P-50356; Davi No. 42,049; Chinh H. Pham, Reg. No	18,584; Robert W. Gauthier, Reg. r K. Holmes, Reg. No. 46,778; D. d A. Lane, Reg. No. 39,261; W. I p. 39,329; Jeffrey M. Sears, Reg. na, Reg. No. 43,221; Sharon Web	No. 35,153; Jason Gish, Reg. No. 4 avid Hyams, Reg. No. P-50947; Sco Hugo Liepmann, Reg. No. 20,407; Ji No. 48,440; Philip C. Swain, Reg. N b, Reg. No. 47,172; John L. Welch,	Reg. No. 46,663; William D. DeVaul Reg. No. 2,581; Dana Gordon, Reg. No. 44,719; Robert A. tt E. Kamholz, Reg. No. 48,543; Theresa im Olesen, Reg. No. 46,967; Kevin A. Oliver, Reg. lo. 32,376; Kingsley L. Taft, Reg. No. 43,946; John Reg. No. 28,129 and Jennifer Zarutskie, Reg. No. Pmark Office connected therewith.
Address all telephone calls to Dana M	M. Gordon, Ph.D., J.D. at telephone	ne number (617) 832-1765.	
Address all correspondence to:	Customer Id No: 25181		
	Patent Group Foley Hoag & Eliot LLP One Post Office Square		
	Boston, MA. 02109-2170		
and further that these statements wer	e made with the knowledge that v	willful false statements and the like s	de on information and belief are believed to be true; so made are punishable by fine or imprisonment, or jeopardize the validity of the application or any
Full name of sole or first inventor (g	iven name, family name): Brian		
Inventor's signature:	Marlhorough MA	·	Date: Citizenship: U.S.
Post Office Address: same	Manoolough, MA		
Lost Other Houses, Same		· · · · · · · · · · · · · · · · · · ·	*

Additional inventors are being named separately numbered sheets attached hereto.

run name of second John myemor (given name, family name).	Date:
Inventor's signature:	Citizenship: U.S.
Residence: 112 Green Street, Northborough, MA	Citizenship: <u>0.5.</u>
Post Office Address:	
E. H	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	Data T
Inventor's signature: Sayan O-C Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Date: JAN 25, 2002
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: <u>U.S.</u>
Post Office Address:	
The Control of the Co	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
P. H. CONT. C.	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	Date
Inventor's signature:	Date:
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
	Date:
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: <u>0.5.</u>
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	
Inventor's signature:	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: U.S.
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	Citizensinp. <u>reopie's republic of Canna</u>
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	Civilainib. Table a trabacte of Dimin
i osi Omice Addices. Same	

Docket Number SPV-047.01

My residence, post office address ar	d citizenship are as stated below n	ext to my name.	
I believe I am the original, first and the subject matter which is claimed			oint inventor (if plural names are listed below) of
METHODS F	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUBST	TITUTED PIPERIDINES
he specification of which (check on	e)		
☐ is attached ☑ was filed or applicable).		es Application Number <u>Number10/01</u>	2,242, and was amended on Date (if
I hereby state that I have reviewed a referred to above.	nd understand the contents of the a	above identified specification, including	ng the claims, as amended by any amendment
acknowledge the duty to disclose i	nformation, which is material to pa	atentability as defined in Title 37, Cod	e of Federal Regulation, § 1.56.
I hereby claim foreign priority bene below and have also identified below priority is claimed.	fits under Title 35, United States C w any foreign application for paten	code, § 119(a)-(d) of any foreign appli- tor inventor's certificate having a filing	cation(s) for patent or inventor's certificate listed ng date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
•	, .,	of any United States Provisional appl	lication(s) listed below.
60/251.209	December 4, 2000		· ·
(Application Number)	(Filing Date)	-	
60/275,600 (Application Number)	March 13, 2001 (Filing Date)	_	
which became available between the (Application Number)	e filing date of the prior application (Filing Dat	n and the national or PCT international	Title 37, Code of Federal Regulations, § 1.56 1 filing date of this application. (Status: patented, pending, abandoned)
(Application Number)	(Thing Date	0)	Coming, percentage
(Application Number)	(Filing Dat	.e)	(Status: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No. Greenberg, Reg. No. 44,133; Jennif Kavanaugh, Reg. No. P-50356; Dav No. 42,049; Chinh H. Pham, Reg. N Quisel, Reg. No. 47,874; Anita Van	48,584; Robert W. Gauthier, Reg. er K. Holmes, Reg. No. 46,778; Da rid A. Lane, Reg. No. 39,261; W. I lo. 39,329; Jeffrey M. Sears, Reg. I ma, Reg. No. 43,221; Sharon Webl	No. 35,153; Jason Gish, Reg. No. 42, avid Hyams, Reg. No. P-50947; Scott Hugo Liepmann, Reg. No. 20,407; Jim No. 48,440; Philip C. Swain, Reg. No.	eg. No. 46,663; William D. DeVaul Reg. No. 581; Dana Gordon, Reg. No. 44,719; Robert A. E. Kamholz, Reg. No. 48,543; Theresa Olesen, Reg. No. 46,967; Kevin A. Oliver, Reg. 32,376; Kingsley L. Taft, Reg. No. 43,946; John eg. No. 28,129 and Jennifer Zarutskie, Reg. No. Park Office connected therewith.
Address all telephone calls to Dana	M. Gordon, Ph.D., J.D. at telephor	ne number (617) 832-1765.	
Address all correspondence to:	Customer Id No: 25181		•
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170		
and further that these statements we	re made with the knowledge that v	villful false statements and the like so	on information and belief are believed to be true; made are punishable by fine or imprisonment, or opardize the validity of the application or any
Full name of sole or first inventor (g	given name, family name): Brian		
Inventor's signature:	Marlhorough MA		ate:
Post Office Address: same	1		

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): <u>James R. Hauske</u> Inventor's signature:	
Full name of fourth joint inventor (given name framily name): James R. Hauske	, /
Inventor's signature:	Date: F MOV
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature:	Date:
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: U.S.
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	· · · · · · · · · · · · · · · · · · ·
Inventor's signature:	Date:
Inventor's signature:	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
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Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	

DECLARATION FO	R PATENT	APPLICATION

	d citizenship are as stated below n			
I believe I am the original, first and so the subject matter which is claimed a			nt inventor (if plural names are listed belo	w) of
METHODS FO	OR THE STEREOSELECT	TIVE SYNTHESIS OF SUBSTI	TUTED PIPERIDINES	
the specification of which (check one	e)			
☐ is attached h ☑ was filed on applicable).		es Application Number <u>Number10/012,</u>	242, and was amended on Date (if	
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I hereby claim foreign priority benefi below and have also identified below priority is claimed.	its under Title 35, United States C any foreign application for paten	ode, § 119(a)-(d) of any foreign applicat t or inventor's certificate having a filing	tion(s) for patent or inventor's certificate l date before that of the application on which	isted ch
Prior Foreign Application(s)			Priority Claim	ied
			Yes 1	No
(Number)	(Country)	(Day/Month/Year Filed)		
(Number)	(Country)	(Day/Month/Year Filed)	Yes N	No
I hereby claim the benefit under Title	35, United States Code, § 119(e)	of any United States Provisional applica	ation(s) listed below.	
60/251,209	December 4, 2000	_		
(Amaliantin- North	(Filing Date)			
(Application Number)	(1 milig Date)			
(Application Number) I hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty	March 13, 2001 (Filing Date) 35, United States Code, § 120 of t disclosed in the prior United State to disclose information which is not become the control of the control	tes application in the manner provided b naterial to patentability as defined in Tit	pelow and, insofar as the subject matter of by the first paragraph of Title 35, United States 37, Code of Federal Regulations, § 1.50	tates
(Application Number) I hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty	March 13, 2001 (Filing Date) 35, United States Code, § 120 of t disclosed in the prior United State to disclose information which is not become the control of the control	tes application in the manner provided b material to patentability as defined in Tit and the national or PCT international fi	by the first paragraph of Title 35, United Stile 37, Code of Federal Regulations, § 1.56	tates 6
(Application Number) I hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number)	March 13, 2001 (Filing Date) 35, United States Code, § 120 of t disclosed in the prior United State to disclose information which is n filing date of the prior application (Filing Date	tes application in the manner provided be naterial to patentability as defined in Tit and the national or PCT international fi	by the first paragraph of Title 35, United State 37, Code of Federal Regulations, § 1.56 ling date of this application. (Status: patented, pending, abandoned)	tates 6
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Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
·	Date:
Inventor's signature: Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	Chizonamp. C.o.
1000 011100 110010001	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address: same	
medele.	•
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan Inventor's signature: Michelle Heffernan	Date: 1/30/07
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
	Citizenship: <u>O.S.</u>
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: U.S.
Post Office Address: same	
	•
Full name of seventh joint inventor (given name, family name):	
Inventor's signature:	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	- moraling. I sopre o respuedit or Chillia
Pull and the transfer of the t	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	D
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760 Post Office Address: same	Citizenship: People's Republic of China
rost Office Audress: same	

2

20/488887.1

I believe I am the original first and			
	sole inventor (if only one name is li and for which a patent is sought on		int inventor (if plural names are listed below) of
METHODS F	OR THE STEREOSELECT	TIVE SYNTHESIS OF SUBST	ITUTED PIPERIDINES
the specification of which (check or	ne)		
☐ is attached ☒ was filed o applicable).		es Application Number Number 10/012	.,242, and was amended on Date (if
I hereby state that I have reviewed a referred to above.	and understand the contents of the al	bove identified specification, including	g the claims, as amended by any amendment
I acknowledge the duty to disclose	information, which is material to pa	tentability as defined in Title 37, Code	of Federal Regulation, § 1.56.
			ation(s) for patent or inventor's certificate listed g date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
		(D. M	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	_ Yes No
I hereby claim the benefit under Tit	le 35, United States Code, § 119(e)	of any United States Provisional appli	cation(s) listed below.
60/251,209	December 4, 2000		
(Application Number)	(Filing Date)		
(Application Number) I hereby claim the benefit under Tit of the claims of this application is n Code, § 112, I acknowledge the dut	ot disclosed in the prior United Stat y to disclose information which is n	tes application in the manner provided naterial to patentability as defined in T	below and, insofar as the subject matter of each by the first paragraph of Title 35, United States itle 37, Code of Federal Regulations, § 1.56
(Application Number) I hereby claim the benefit under Tit of the claims of this application is n Code, § 112, I acknowledge the dut	(Filing Date) le 35, United States Code, § 120 of lot disclosed in the prior United State y to disclose information which is n	tes application in the manner provided naterial to patentability as defined in T and the national or PCT international	by the first paragraph of Title 35, United States itle 37, Code of Federal Regulations, § 1.56
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Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: <u>U.S.</u>
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature: Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	Date:
Inventor's signature:	Date:Citizenship: U.S.
Post Office Address: same	Chizership. O.S.
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann Inventor's signature: Michael 3 It Ejem Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752 41 LUAC CIRCLE	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA-01752 41 LILAC CIRCLE	Citizenship: U.S.
Post Office Address: same MALGOROUE H	
M4 01752	
Full name of seventh joint inventor (given name, family name):	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address: same	Citizetiship. Q.o.
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
mvenor's signature.	
Residence: 13 Stillman Circle, Natick, MA 01760 Post Office Address: same	Citizenship: People's Republic of China

•	,	,	
		FOR PATENT APPLICATION	Docket Number SPV-047.0
As a below named inventor, I hereby	declare that:		
My residence, post office address an	d citizenship are as stated below r	next to my name.	
I believe I am the original, first and s the subject matter which is claimed a			inventor (if plural names are listed below) of
METHODS F	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUBSTIT	UTED PIPERIDINES
the specification of which (check on	e)		
☐ is attached l ☑ was filed on applicable).		tes Application Number Number 10/012,24	2, and was amended on Date (if
I hereby state that I have reviewed as referred to above.	nd understand the contents of the	above identified specification, including th	e claims, as amended by any amendment
I acknowledge the duty to disclose in	nformation, which is material to p	atentability as defined in Title 37, Code of	Federal Regulation, § 1.56.
		Code, § 119(a)-(d) of any foreign application to rinventor's certificate having a filing date.	on(s) for patent or inventor's certificate listed ate before that of the application on which
Prior Foreign Application(s)			Priority Claimed
			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No
I hereby claim the benefit under Title) of any United States Provisional applicati	on(s) listed below.
60/251,209	December 4, 2000		•
(Application Number)	(Filing Date)	-	
60/275,600 (Application Number)	March 13, 2001 (Filing Date)	-	
of the claims of this application is no Code, § 112, I acknowledge the duty	ot disclosed in the prior United Start to disclose information which is		
(Application Number)	(Filing Dat	te)	(Status: patented, pending, abandoned)
(Application Number)	(Filing Dat	te)	(Status: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No. 4 Greenberg, Reg. No. 44,133; Jennife Kavanaugh, Reg. No. P-50356; Davi No. 42,049; Chinh H. Pham, Reg. No. Quisel, Reg. No. 47,874; Anita Varm	48,584; Robert W. Gauthier, Reg. or K. Holmes, Reg. No. 46,778; Drid A. Lane, Reg. No. 39,261; W. Fo. 39,329; Jeffrey M. Sears, Reg. na, Reg. No. 43,221; Sharon Webite this application and to transact	avid Hyams, Reg. No. P-50947; Scott E. K Hugo Liepmann, Reg. No. 20,407; Jim Ole No. 48,440; Philip C. Swain, Reg. No. 32, b, Reg. No. 47,172; John L. Welch, Reg. N all business in the Patent and Trademark C	Dana Gordon, Reg. No. 44,719; Robert A. amholz, Reg. No. 48,543; Theresa sen, Reg. No. 46,967; Kevin A. Oliver, Reg. 376; Kingsley L. Taft, Reg. No. 43,946; John Jo. 28,129 and Jennifer Zarutskie, Reg. No. P-
Address all correspondence to:	Customer Id No: 25181		
·	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170	a are true and that all statements made :	nformation and belie f are believed to be true;
and further that these statements wer both, under Section 1001 of Title 18 patent issued thereon.	re made with the knowledge that v of the United States Code and tha	willful false statements and the like so madat such willful false statements may jeopard	e are punishable by fine or imprisonment, or
Full name of sole or first inventor (g Inventor's signature:	iven name, family name): Brian		
Residence: 36 Royal Crest Drive #4,	Marlborough, MA	Date: Citize	nship: <u>U.S.</u>
Post Office Address: same			

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: <u>U.S.</u>
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature:	Date:
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: U.S.
Post Office Address: same	
·	
Full name of seventh joint inventor (given name, family name):	
Inventor's signature: Donald W. Tracker	Date: /-25-02
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	

Docket Number SPV-047.01

As a below named inventor, I hereby declare that:

The Base from the Colored Co.	i sole inventor (if only one name is I		joint inventor (if plural names are lis	ted below) of
	d and for which a patent is sought on	the invention entitled:		
METHODS	FOR THE STEREOSELECT	TIVE SYNTHESIS OF SUBS	STITUTED PIPERIDINES	
the specification of which (check o	one)			
☐ is attached ☑ was filed applicable).	d hereto. on <u>December 4, 2001</u> as United State	es Application Number Number10/0	012,242, and was amended on Date	(if
I hereby state that I have reviewed referred to above.	and understand the contents of the a	above identified specification, includ	ling the claims, as amended by any an	nendment
I acknowledge the duty to disclose	information, which is material to pa	atentability as defined in Title 37, Co	ode of Federal Regulation, § 1.56.	
			lication(s) for patent or inventor's certing date before that of the application	
Prior Foreign Application(s)			Priori	ty Claimed
			Yes	No 🔲 No
(Number)	(Country)	(Day/Month/Year Filed)		_
(Number)	(Country)	(Day/Month/Year Filed)	Yes	i □ No
	itle 35, United States Code, § 119(e)	of any United States Provisional app	plication(s) listed below.	
60/251,209	December 4, 2000	_		
(Application Number)	(Filing Date)	_		
of the claims of this application is	not disclosed in the prior United Stat	tes application in the manner provide	ted below and, insofar as the subject ned by the first paragraph of Title 35, United St. Code of Federal Regulation	Jnited States
(Application Number) I hereby claim the benefit under Ti of the claims of this application is Code, § 112, I acknowledge the du	(Filing Date) itle 35, United States Code, § 120 of a list of the prior United States to disclose information which is referring date of the prior application	tes application in the manner provide material to patentability as defined in and the national or PCT internation	ed by the first paragraph of Title 35, In Title 37, Code of Federal Regulation	Jnited States as, § 1.56
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(Application Number) I hereby claim the benefit under Tiof the claims of this application is Code, § 112, I acknowledge the duwhich became available between the (Application Number) (Application Number) I hereby appoint Beth E. Arnold, F. 42,483; Daniel P. Gaudet, Reg. No. Greenberg, Reg. No. 44,133; Jennikavanaugh, Reg. No50356; Da No. 42,049; Chinh H. Pham, Reg. Quisel, Reg. No. 47,874; Anita Va 50558 as attorneys/agents to prose	(Filing Date) itle 35, United States Code, § 120 of not disclosed in the prior United States ty to disclose information which is reflected to the filing date of the prior application (Filing Date (Filing Date Reg. No. 35,430; Isabelle Clauss, Reg. A48,584; Robert W. Gauthier, Reg. Lifer K. Holmes, Reg. No. 46,778; Date if C. Holmes, Reg. No. 39,261; W. H. No. 39,329; Jeffrey M. Sears, Reg. No. 43,221; Sharon Webb coute this application and to transact a	tes application in the manner provide material to patentability as defined in and the national or PCT internation e) e) g. No. 47,326; Stephen B. Deutsch, I No. 35,153; Jason Gish, Reg. No. 42, 42 avid Hyams, Reg. No. P-50947; Scot Hugo Liepmann, Reg. No. 20,407; Jin No. 48,440; Philip C. Swain, Reg. No. Reg. No. 47,172; John L. Welch, I all business in the Patent and Traden	ed by the first paragraph of Title 35, Un Title 37, Code of Federal Regulation all filing date of this application. (Status: patented, pending, aba (Status: patented, pending, aba Reg. No. 46,663; William D. DeVaul 2,581; Dana Gordon, Reg. No. 44,719 tt E. Kamholz, Reg. No. 48,543; Ther m Olesen, Reg. No. 46,967; Kevin A. o. 32,376; Kingsley L. Taft, Reg. No. Reg. No. 28,129 and Jennifer Zarutski	Inited States is, § 1.56 Indoned) Reg. No. ; Robert A. esa Oliver, Reg. 43,946; John
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Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	Date:
Inventor's signature:	Citizenship: U.S.
Residence: 20 Oriental Street, Worcester, MA 01605 Post Office Address: same	Citizeriship. <u>0.3.</u>
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann Inventor's signature: Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752 Post Office Address: same	Date:
Full name of seventh joint inventor (given name, family name):	Date:
Full name of eighth joint inventor (given name, family name): Liming Shao Inventor's signature:	
Inventor's signature:	Date: 1/30/02
Residence: 158 South Great Road, Lincoln, MA/ Post Office Address: same	Citizenship: People's Republic of China
Full name of ninth joint inventor (given name, family name): Xinhe Wu	Date:
Inventor's signature:	Citizenship: People's Republic of China
Post Office Address: same	Citizensiap. 1 White 3 republic of Citizens
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760 Post Office Address: same	Citizenship: People's Republic of China

DECL.	ARA	TION	FOR	PATENT	APPLICATION
D \cup \cup \cup	α		LOI		ALLUCATION

My residence, post office address a	and citizenship are as stated below no	ext to my name.	
	I sole inventor (if only one name is I I and for which a patent is sought on		int inventor (if plural names are listed below)
METHODS	FOR THE STEREOSELECT	TIVE SYNTHESIS OF SUBST	ITUTED PIPERIDINES
he specification of which (check o	ne)		
☐ is attached ☑ was filed (applicable).		es Application Number <u>Number10/012</u>	2,242, and was amended on Date (if
I hereby state that I have reviewed referred to above.	and understand the contents of the a	bove identified specification, including	g the claims, as amended by any amendment
acknowledge the duty to disclose	information, which is material to pa	tentability as defined in Title 37, Code	of Federal Regulation, § 1.56.
I hereby claim foreign priority ben below and have also identified belo priority is claimed.	efits under Title 35, United States C ow any foreign application for paten	ode, § 119(a)-(d) of any foreign applic t or inventor's certificate having a filing	ation(s) for patent or inventor's certificate liste g date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	_ Yes No
,	· • • • • • • • • • • • • • • • • • • •	of any United States Provisional appli	cation(s) listed below.
60/251.209	December 4, 2000		
(Application Number)	(Filing Date)	•	
60/275,600 (Application Number)	March 13, 2001 (Filing Date)	-	,
which became available between the (Application Number)	ne filing date of the prior application (Filing Date	and the national or PCT international	(Status: patented, pending, abandoned)
	(F)11 B		(0)
(Application Number)	(Filing Date	•	(Status: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No Greenberg, Reg. No. 44,133; Jenni Kavanaugh, Reg. No. P-50356; Da No. 42,049; Chinh H. Pham, Reg. Quisel, Reg. No. 47,874; Anita Va 50558 as attorneys/agents to prose	o. 48,584; Robert W. Gauthier, Reg. fer K. Holmes, Reg. No. 46,778; Da vid A. Lane, Reg. No. 39,261; W. H No. 39,329; Jeffrey M. Sears, Reg. N rma, Reg. No. 43,221; Sharon Webb	No. 35,153; Jason Gish, Reg. No. 42,5 avid Hyams, Reg. No. P-50947; Scott I Iugo Liepmann, Reg. No. 20,407; Jim No. 48,440; Philip C. Swain, Reg. No. 5, Reg. No. 47,172; John L. Welch, Regall business in the Patent and Tradema	g. No. 46,663; William D. DeVaul Reg. No. 81; Dana Gordon, Reg. No. 44,719; Robert A. E. Kamholz, Reg. No. 48,543; Theresa Olesen, Reg. No. 46,967; Kevin A. Oliver, Re 32,376; Kingsley L. Taft, Reg. No. 43,946; Jo g. No. 28,129 and Jennifer Zarutskie, Reg. Nork Office connected therewith.
		c number (017) 032-1703.	
Address all correspondence to:	Customer Id No: 25181		
	Patent Group Foley Hoag & Eliot LLP		
	One Post Office Square		
	Boston, MA. 02109-2170		
and further that these statements w	ere made with the knowledge that w	villful false statements and the like so r	on information and belief are believed to be tru nade are punishable by fine or imprisonment, of pardize the validity of the application or any
	(given name, family name): Brian		· · · · · · · · · · · · · · · · · · ·
Inventor's signature:	4. Marlborough, MA	Da	te:tizenship: U.S.
Post Office Address: same			

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address:	
· · · · · · · · · · · · · · · · · · ·	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
	Date:
Inventor's signature:	Citizenship: U.S.
Residence: 41 Lowell Road, Concord, MA	Citizensinp. C.o.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
	Date:
Inventor's signature:	Citizenship: U.S.
Residence: 20 Oriental Street, Worcester, MA 01003	Chizonamp. O.o.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
	Date:
Inventor's signature:	Citizenship: U.S.
Residence: 23 Royal Crest Drive, Apr. #5, Mailborough, MA 01752	Olinbaranipi Olio.
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):Donald W. Kessler	
Inventor's signature:	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	Doto
Inventor's signature:	Date: Citizenship: People's Republic of China
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of Citita
Post Office Address: same	
E. H Colintario (cium nomo fomily nomo). Vinha Wu	Danua n
Full name of ninth joint inventor (given name, family name): Xinhe Wu	Date:
Inventor's signature: Link Un	Citizenship: People's Republic of China
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Chazership. Teople's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
	Date:
Inventor's signature: Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	. Constitution of the control of the
I VAL VIIILU AUGICAA, AGIIU	

	()	()	
	DECLARATION F	OR PATENT APPLICATION	Docket Number SPV-047.0
As a below named inventor, I hereby	declare that:		
My residence, post office address and	d citizenship are as stated below nex	ct to my name.	
I believe I am the original, first and s the subject matter which is claimed a			nventor (if plural names are listed below) of
METHODS FO	OR THE STEREOSELECTI	IVE SYNTHESIS OF SUBSTITU	JTED PIPERIDINES
the specification of which (check one	e)		
☐ is attached h ☑ was filed on applicable).		Application Number Number10/012,242	2, and was amended on Date (if
I hereby state that I have reviewed as referred to above.	nd understand the contents of the abo	ove identified specification, including the	claims, as amended by any amendment
I acknowledge the duty to disclose in	nformation, which is material to pate	entability as defined in Title 37, Code of I	Federal Regulation, § 1.56.
I hereby claim foreign priority benef below and have also identified below priority is claimed.	its under Title 35, United States Coo vany foreign application for patent of	de, § 119(a)-(d) of any foreign application or inventor's certificate having a filing date	n(s) for patent or inventor's certificate listed te before that of the application on which
Prior Foreign Application(s)			Priority Claimed
	· · · · · · · · · · · · · · · · · · ·		☐ Yes ☐ No
(Number)	(Country)	(Day/Month/Year Filed)	5 5
(Number)	(Country)	(Day/Month/Year Filed)	∐ Yes ☐ No
I hereby claim the benefit under Title	e 35, United States Code, § 119(e) o	f any United States Provisional application	on(s) listed below.
60/251,209	December 4, 2000		
(Application Number)	(Filing Date)		
60/275,600	March 13, 2001		
(Application Number)	(Filing Date)		•
of the claims of this application is no Code, § 112, I acknowledge the duty	ot disclosed in the prior United State to disclose information which is ma		
(Application Number)	(Filing Date)	_	(Status: patented, pending, abandoned)
(Application Number)	(Filing Date)		(Status: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No. 4 Greenberg, Reg. No. 44,133; Jennife Kavanaugh, Reg. No. P-50356; Davi No. 42,049; Chinh H. Pham, Reg. No. Quisel, Reg. No. 47,874; Anita Varn	48,584; Robert W. Gauthier, Reg. Nor K. Holmes, Reg. No. 46,778; David A. Lane, Reg. No. 39,261; W. Huo. 39,329; Jeffrey M. Sears, Reg. Nona, Reg. No. 43,221; Sharon Webb, te this application and to transact all	id Hyams, Reg. No. P-50947; Scott E. Ka ago Liepmann, Reg. No. 20,407; Jim Oles b. 48,440; Philip C. Swain, Reg. No. 32,3 Reg. No. 47,172; John L. Welch, Reg. No. I business in the Patent and Trademark O	Dana Gordon, Reg. No. 44,719; Robert A. amholz, Reg. No. 48,543; Theresa en, Reg. No. 46,967; Kevin A. Oliver, Reg. 76; Kingsley L. Taft, Reg. No. 43,946; John o. 28,129 and Jennifer Zarutskie, Reg. No. F
Address all correspondence to:	Customer Id No: 25181		
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): I	Brian M. Aquila	
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Inventor's signature:	Date:
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Inventor's signature:	Date:
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Full and County is in the county (since and family some). Denoted W Vegeler	
Full name of seventh joint inventor (given name, family name):	Date:
Inventor's signature:	Citizenship: U.S.
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Full name of eighth joint inventor (given name, family name): Liming Shao	
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Full name of tenth joint inventor given name, family name): Roger L. Xie Inventor's signature: Providence 13 Sciller Circle Nation MA 01760	
Inventor's signature:	Date: 01-24-2002
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